

143580

Monday, March 21, 2016 8:37:04 AM

Start Date:	3/18/2016	Start Qty:	1.00	*1*	Cust Item ID:
Required Date:	5/11/2016	Req'd Qty:	1.00	*1*	Customer:

Reference:	DAS 13 9-89				Run	Start	*NR1*
Approvals:	Process Plan: _____	Date: <u>MAR 21 2016</u>	Tooling: _____	Date: _____		Stop	*NR2*
	QC: _____	Date: _____	SPC (Y/N): _____	Date: _____			

[illegible]

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER : ☐			

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Monday, March 21, 2016 8:37:04 AM

Item ID: D412-761-011 Accept *N9000040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Full Vertical Reference Door Refurbished Door (Wide Armrest)
 Start Date: 3/18/2016 Start Qty: 1.00 *1* Cust Item ID:
 Required Date: 5/11/2016 Req'd Qty: 1.00 *1* Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
104 *104* QC Quality Control	QC6- Inspect dimensions to drawing Memo	0.00 0.00	* Done @ Eagle - 5/16/15/20						
110 *110* Packaging Packaging	Pick Kit Memo SEND TO EAGLE COPTERS D412-761-041 B 143588 FOR FULL VERTICAL REFERENCE DOOR ASSEMBLY SHIP D412-761-141 VENT KIT TO SHIP WITH DOOR ASS'Y B 83162.	0.00 0.00				1	MAY 20 2016		DAS 13 9-89
111 *111* QC Quality Control	QC4- 100% Inspect kits for completeness Memo N/A @ Kit inspected on arrival. w/1's. 5/16/15/20	0.00 0.00							

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Item ID: D412-761-011 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Full Vertical Reference Door Refurbished Door (Wide Armrest)
Start Date: 3/18/2016 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 5/11/2016 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
115 *115* Outsource7 Outsource rework	Memo EAGLE: ASSEMBLE FULL VERTICAL REFERENCE DOOR PER IIN D412-761	0.00 0.00							
116 *116* QC Quality Control	QC5- Inspect part completeness to step on W/O Memo	0.00 0.00							DAS 16 9-89 16/05/20
125 *125* Packaging Packaging	Identify as per dwg & Stock Location SOLD Memo	0.00 0.00							

* REFER to Eagle w/ls Attached 5/16/5/20.

* VERIFIED that Eagle w/ls has been compl'd.

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Monday, March 21, 2016 8:37:04 AM

Item ID: D412-761-011 Accept *N900040100* Setup Start *NS1*
Revision ID: Stop *NS2*
Item Name: Full Vertical Reference Door Refurbished Door (Wide Armrest)
Start Date: 3/18/2016 Start Qty: 1.00 *1* Cust Item ID:
Required Date: 5/11/2016 Req'd Qty: 1.00 *1* Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
140	QC21 - Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

16/05/20 *[Signature]*
C216/05/20

Picklist Print

Monday, March 21, 2016 8:37:02 AM

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Work Order ID: 143580

143580

Parent Item: D412-761-011

D412-761-011

Parent Item Name: Full Vertical Reference Door Refurbished Door (Wide Armrest)

Start Date: 3/18/2016

Required Date: 5/11/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A new issue DD 10.04.21 verified by:EC
per ECN10-573 DD 10.05.18 verf:EC
ECN13-511 DD Verf:JLM
IPP Rev:B as
IPP Rev:C 13.01.15 as per

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
204-030-853-125		Purchased	No			102	Each	0.0000	1	1			DAS
204-030-853-125									**			MAY 20 2016	13 9-89
Oem Door													
D412-761-041		Manufactured	No			110	Each	0.0000	1	1			
D412-761-041									**				
Full Vertical Reference Door Modification (Wide Armrest)													
D412-761-141		Manufactured	No			110	Each	4.0000	1	1			
D412-761-141									**				
Vent Provisions													
				<u>Location</u>				<u>Loc Qty</u>			<u>Loc Code</u>		
				FG020				4					
				83162				4					



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO31780

Purchase Order Date 3/22/2016

PO Print Date 3/22/2016

Page Number 1 of 2

Order From :
EAGLE COPTERS MAINTENANCE LTD.
823 MCTAVISH ROAD N E
CALGARY, AB T2E 7G9
CA

VU-EAG002

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED

MAR 23 2016

9107-7-1111

Contact Name
Vendor Phone 403-250-7370

Ship To Contact
Ship To Phone
Ship Via:
Ship Acct:

Buyer
Customer POID
Customer Tax #
Terms
Currency
FOB
Chantal Lavoie
10127-2607
Net 30
USD
Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	204-030-853-125 ASSEMBLE AS PER DWG D412-761-011 REV. E B143580	Oem Door	5/10/2016 Yes 5/10/2016		1.00 Each	\$22,000.00	\$22,000.00
Line Total:							\$22,000.00
2	204-030-853-125 ASSEMBLE AS PER DWG D412-761-011 REV. E B143680	Oem Door	5/23/2016 Yes 5/23/2016		1.00 Each	\$22,000.00	\$22,000.00
Line Total:							\$22,000.00

Note:

3/22/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO31780**

Purchase Order Date 3/22/2016

PO Print Date 3/22/2016

Page Number 2 of 2

Order From :

VU-EAG002

Ship To : DART AEROSPACE LTD

EAGLE COPTERS MAINTENANCE LTD.
823 MCTAVISH ROAD N E
CALGARY, AB T2E 7G9
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 403-250-7370

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

Terms

Currency

FOB

10127-2607

Net 30

USD

Destination-Collect

3	71401-45	PROCUREMENT QUALITY CLAUSES	5/10/2016	1.00	\$0.00	\$0.00
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No

5/10/2016

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A016 PERSONNEL QUALIFICATION

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENT

Line Total:

\$0.00

PO Total:

\$44,000.00

Handwritten signature and date 3/23/2016

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr:

1

Change Date: 3/22/2016

Work Order Number: 53048

Modify to Vertical Reference Door (qty 2)

This Work Report forms part of this aircraft's permanent technical records - DO NOT DESTROY.

Item: 1 L/H DOOR ASSEMBLY

Squawk: 1.1

Discrepancy:

Modify door IAW Dart IIN
D412-761 Rev E, STC
SH09-4

Resolution:

1.1 Work Done By:

Parts:

Part Number	Description	Serial Number	Lot Number	Condition	Qty
MS27039-1-21	SCREW		LT-14-010431	New	1
MS27039-1-17	SCREW		LT-14-010425	New	2
MS27039-0814	SCREW		LT-12-015951	New	6
2330-12125-00	RUBBER - 110-070-41		LT-15-007961	New	14

VC216105/20

Squawk: 1.3

Discrepancy:

Prep and paint L/H Door
Assembly

Resolution:

1.3 Work Done By:

***** Original Maintenance Releases and Independent Control Inspection details are stored electronically at *****

***** Eagle Copters Maintenance Ltd. in Calgary Alberta in the Corridor Software *****

Work Order Number: 53048

Modify to Vertical Reference Door (qty 2)

~~This Work Report forms part of this aircraft's permanent technical records-- DO NOT DESTROY.~~

Item: 3 DOOR

Squawk: 3.1Discrepancy:Modify door IAW Dart IIN
D412-761 Rev E, STC
SH09-4Resolution:Modified door IAW Dart IIN
D412-761 Rev E, STC
SH09-4

3.1 Work Done By: Colin Gould (CGOULD)

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.**AMO 6-81** Signature: Colin Gould (CGOULD) on 2016-05-19Parts:

Part Number	Description	Serial Number	Lot Number	Condition	Qty
D412-761-041A	Full Vertical Reference Door Mod Kit, (Narrow)		LT-13-010691	New	1
D3676-1	BUBBLE WINDOW		LT-14-010198	New	1
204-031-762-005	SPRING		LT-15-004675.1	New	4
20-041-1	BUMPER MUSHROOM		LT-15-008012	New	2
MS27039-0816	SCREW		LT-14-010436	New	4
892-367	WEATHERSTRIP 1/4" x 1"		LT-14-013419	New	1
2330-12125-00	RUBBER - 110-070-41		LT-14-006823.2	New	14

Squawk: 3.2Discrepancy:

Prep and paint Door

Resolution:Prepped and Painted IAW
BASF CSP Section 5.7

3.2 Work Done By: Jay Redwood (JREDWOOD)

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.**AMO 6-81** Signature: Jay Redwood (JREDWOOD) on 2016-05-19

* End of Report *

***** Original Maintenance Releases and Independent Control Inspection details are stored electronically at *****

***** Eagle Copters Maintenance Ltd. in Calgary Alberta in the Corridor Software *****

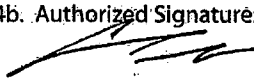
1. Approving National Authority/Country Transport Canada		Authorized Release Certificate FORM ONE		3. Form Tracking Number 53048.2	
4. Approved Organization Name and Address Eagle Copters Maintenance Ltd. 823 McTavish Road NE, Calgary, Alberta, Canada, T2E 7G9				5. Work Order/Contract/Invoice 53048	
6. Item 1	7. Description Door, Crew LH	8. Part Number 205-030-853-125	9. Quantity 1	10. Serial Number/ Lot Number LT07-000560.4	11. Status/Work Modified

12. Remarks

Modified door IAW Dart IIN D412-761 Rev E, EASA STC 10028917

Time Since New: **Unknown** Time Since Overhaul: **Unknown** Other: **N/A**

The work specified was carried out IAW EASA part 145 and with respect to that work the aircraft component is considered ready for release to service under EASA approval number EASA 145.7028.

13a. Certifies that the items identified above were manufactured in conformity to: ☐ Approved Design data and are in condition for safe operation ☐ Non approved design data specified in block 13		14a. ☒ CAR 571.10 Maintenance Release ☒ Other regulations specified in block 12 Certifies that, unless otherwise specified in block 12, the work identified in block 11 and described in block 12 has been performed in compliance with the Canadian Aviation Regulations	
13b. Authorized Signature:	13c. Certificate/Approval Number	14b. Authorized Signature: 	14c. Certificate/Approval Number: TC AMO Approval No. 6-81
13d. Date		14d. Name: Colin Gould	14e. Date (mm/dd/yyyy): 05/19/2016

Installer Responsibilities

This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a and 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

Eric Downing

From: Michelle Marchand
Sent: Thursday, May 19, 2016 3:25 PM
To: Eric Downing
Subject: FW: Doors and harnesses

After speaking with Kelly Labas with Eagle Copters he has advised me that it is not necessary to have the doors inspected by Dart only the Harnesses. Eagle can do the inspection for the modification of the doors and we will ship directly to Heli-protection.

From: Harvey Siemens
Sent: May 4, 2016 8:35 AM
To: Michelle Marchand <MMarchand@eaglecopters.com>
Subject: Doors and harnesses

Michelle,

As discussed yesterday, the doors and harnesses that you guys are building will get shipped to Hawkesbury for inspection. Again, as we discussed yesterday, please include green tags and work reports for the different pieces. It would also be appropriate to update Hawkesbury (whoever you talk with there – probably Linda) with forecasted completion dates as they become available.

Thanks!!

HS